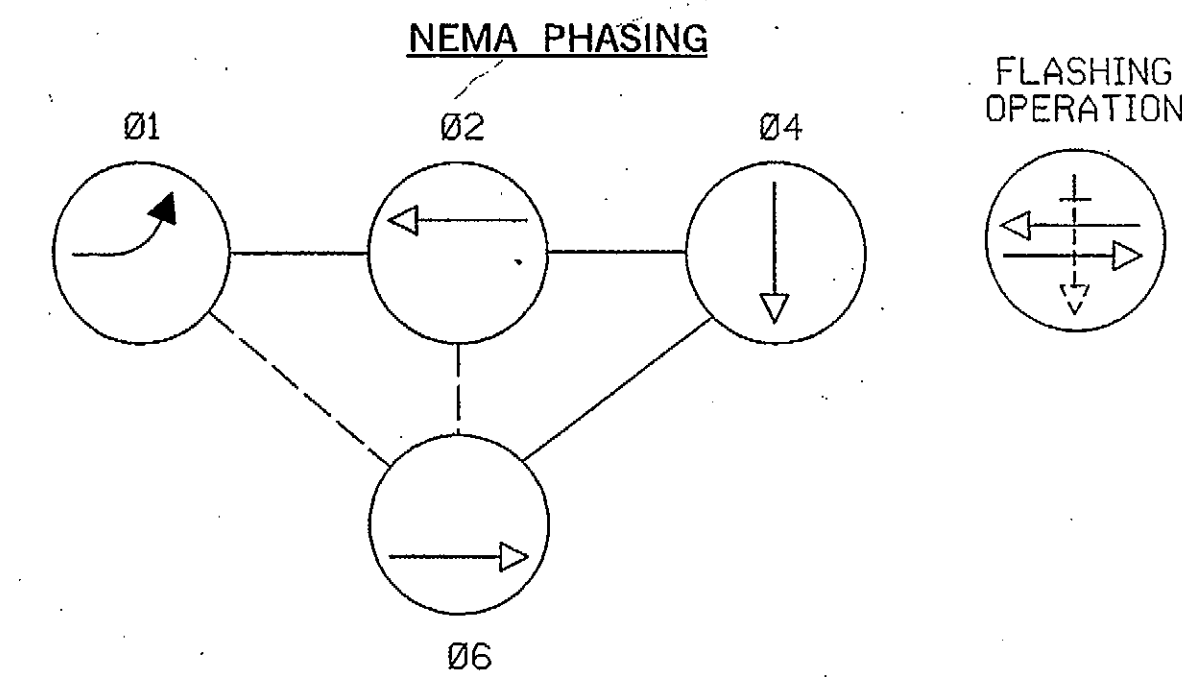
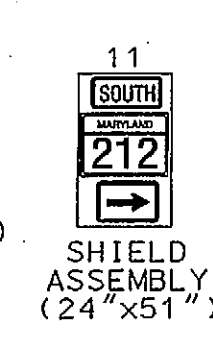
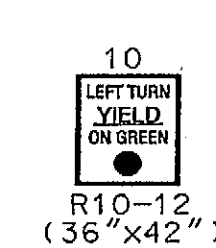
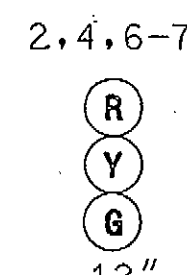
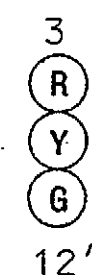
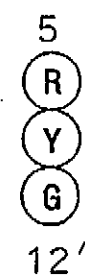
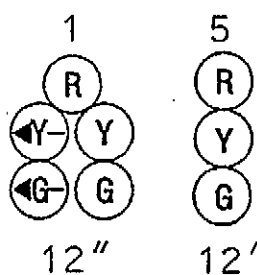


MD 212 IS ASSUMED TO  
RUN IN A NORTH SOUTH DIRECTION

## SIGNALS



NOTE:  
PHASES ASSOCIATED BY A SOLID LINE WILL NOT  
OPERATE CONCURRENTLY.  
PHASES ASSOCIATED BY A DASHED LINE WILL  
OPERATE CONCURRENTLY.

PROPOSED VIDEO  
DETECTION CAMERA  
A

EXISTING  
RIGHT - OF - WAY

### Equipment List 'A'

Equipment to be supplied and installed By the SHA

- Easylock Connector
- Terra Interface Panel
- Terra Access Point
- Tip to Tap I/F Cable-BIU
- Tip to Tap I/F Cable-Hardwire
- Terra Field Ethernet Adapter

### Equipment List 'B'

Equipment to be furnished and installed by the Contractor.

ITEM	QUANTITY	DESCRIPTION
1002	1 EA	MAINTENANCE OF TRAFFIC PER ASSIGNMENT
5003	34 LF	REMOVAL OF EXISTING PERMANENT PAVEMENT LINE MARKINGS
5004	34 LF	24 INCH WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKING LINES
8019	1 EA	F & I VIDEO DETECTION CAMERA W/ 3 WIRE

### Construction Details

1. Use existing mast arm and upright. Install proposed video detection camera and lead-in cable.
2. Use existing conduit. Install proposed video detection lead-in cable.
3. Use existing handhole. Remove existing loop detector lead-in cables and cap detector sleeves. Install proposed video detection lead-in cable.
4. Use existing conduit. Remove existing loop detector lead-in cables. Install proposed video detection lead-in cable.
5. Use existing controller cabinet. Remove existing loop detector lead-in cables for phase 4. Install video detection lead-in cable. Traffic Operations Division personnel will install and program video interface equipment upon completion of proposed work.
6. Remove and replace existing stop line in accordance with SHA Standards.

### Equipment List 'C'

Removed and Salvaged Items  
NONE

### UTILITY LEGEND

- SD - STORM DRAIN
- G - GAS MAIN
- W - WATER MAIN
- S - SEWER MAIN
- E - ELECTRIC CABLES
- A - AERIAL CABLES
- T - TELEPHONE CABLES
- F - FIBER-OPTIC

**STV Incorporated**  
engineers/architects/planners/scientists/construction managers  
7125 Ambassador Road, Baltimore, MD 21244-2722 (410) 944-9112

APPROVALS	
TEAM LEADER	
ASST. DIV. CHIEF	
DIVISION CHIEF	
OFFICE DIRECTOR	

REVISIONS	
1	Install Video Detection
2	Install Intersection
3	Revise Signal Phasing
4	Revise Signal Phasing
5	Revise Signal Phasing
6	Revise Signal Phasing

<b>SHA</b> STATE OF MARYLAND DEPARTMENT OF TRANSPORTATION STATE HIGHWAY ADMINISTRATION OFFICE OF TRAFFIC & SAFETY TRAFFIC ENGINEERING DESIGN DIVISION <b>MD 212 (RIGGS ROAD) AND POWDER MILL ROAD</b>	
<b>TRAFFIC SIGNALIZATION PLAN</b> SCALE 1"=20' DATE CONTRACT NO. AW114A591B59	
DESIGNED BY DRAWN BY CHECKED BY F.A.P. NO.	COUNTY PRINCE GEORGE'S LOGMILE 16021205.41 T.I.M.S. NO. TOD NO.
DRAWING NO. <b>TS-483G</b> OF	SHEET NO. 1 OF 1

PLOTTED: MONDAY, MAY 16, 2005 AT 02:30 PM  
FILE: H:\PROJECTS\11183\MD 212 & POWDER MILL\PSG-P001.MD212.DGN